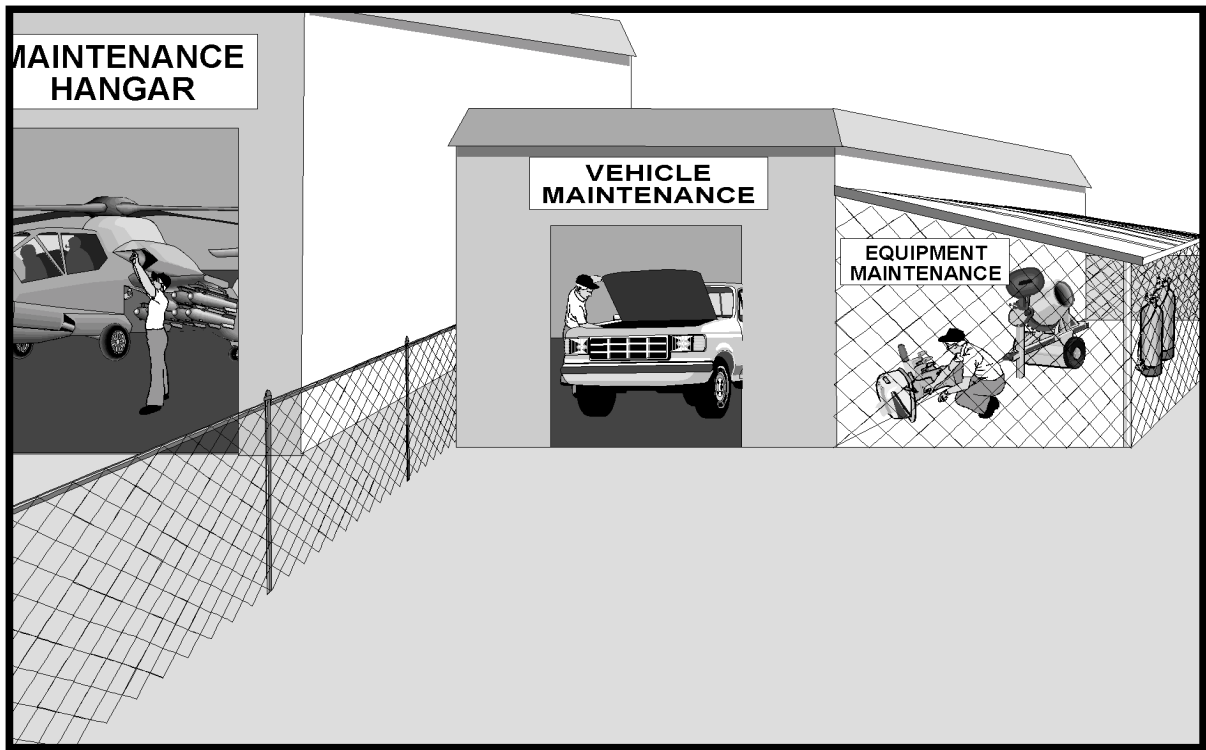


#### BMP 044 - Conduct Maintenance within a Building or Covered Area



**Description of Potential Pollutant and Source:** Many pollutants such as oil, grease, or solvents may be leaked or spilled during maintenance activities. If maintenance is performed outside, in an uncovered area, storm water may transport the leaked and spilled material into the storm drain system.

**Description of BMP:** To the extent practical, maintenance will be conducted within a building or covered area. This includes performing aircraft/helicopter maintenance in hangars and vehicle maintenance in garages. If maintenance, including fluid top-offs, is performed outdoors, it will be conducted on an impervious surface, such as a concrete pad. Rainfall runoff from the pad will be directed to a storm water treatment facility. Leaks and spills will be cleaned up as soon as possible using rags or dry absorbents. Used rags and absorbent will be disposed properly. The garage floor will be cleaned regularly and all wash water from cleaning the floor will be disposed in the sanitary sewer.

**Application Guidance:** All maintenance will be conducted within a building or covered area, if possible. If not possible, the maintenance will be done on an impervious surface.

**Training:** Personnel will be trained to perform all maintenance, including fluid top-offs, only in the designated area. Personnel will be trained in keeping the maintenance area clean.

**Effectiveness and Cost:** This is a moderately effective BMP. The cost will vary depending upon the availability of a building in which to perform all maintenance.

**Limitations:** This BMP may not be possible for the maintenance of large equipment and vehicles.